

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-32 (canceled)

Claim 33 (currently amended): A plant for the manufacture of glass stoppers provided with a head part for the closing of bottles,

comprising a multi-part mold which determines, in the closed state, the negative contour of the stopper to be manufactured, a feeder system for supplying the mold with molten glass, a multistation press and an arrangement for the removal and for the further handling of the glass stoppers produced,

the mold comprising

a base part made in one part and having a cut-out corresponding to a first part length of a stopper; stopper, wherein the cut-out of the base part is bounded at a base side by a plunger having an ejection function and whose end face is smaller than the base surface of the cut-out;

a middle part of two part elements of a mold which are in particular displaceable relative to one another and perpendicular to the longitudinal axis of the mold, which can be coupled in a self-centering manner and which determine a hollow space corresponding to a second part length of a stopper and to at least a main region of the head part in the coupled state and in the state contacting the base part;

and an upper part having a central pressing stamp axially displaceable relative to the upper part and part, said upper part and said central pressing stamp closing the hollow space of the head part for the forming of a tolerance compensating recess in the head part of the stopper,

wherein the upper part of the mold forms a planar surface surrounding said tolerance compensating recess on the head part, and a part region of a stopper rounding of the stopper that merges into a cylindrical outer contour of the head part.

Claim 34 (previously presented): A plant in accordance with claim 33, wherein the hollow space determined by the part elements of the mold forming the middle part extends axially beyond the planar surface of the head part and bounds the head part at its outer periphery and at a radially outwardly disposed marginal region of the planar surface.

Claim 35 (currently amended): A plant in accordance with claim [[34]] 33, wherein the upper part with a centrally guided pressing stamp closing the hollow space of the head part has a ring nose which engages in a shape-matched manner into the hollow space determined by the part elements of the mold, with the outer diameter of the ring nose being smaller than the outer diameter of the head part.

Claim 36 (canceled)

Claim 37 (previously presented): A plant in accordance with claim 33, wherein the first part length of the stopper expands from the base surface of the base part and ends at a position of discontinuity of the stopper.

Claim 38 (previously presented): A plant in accordance with claim 37, wherein the part elements of the mold of the middle part are coupled in a self-centering manner and form the second part length of the stopper, and a reduced diameter extending from the position of discontinuity up to the head part and wherein the head part has a disk shape over practically its total height.

Claim 39 (previously presented): A plant in accordance with claim 38, wherein when the mold is closed, the dividing line between the upper part of the mold and the part-elements of the mold forming the middle part of the mold is disposed beneath the planar surface of the stopper in the region of a stopper rounding of the stopper.

Claim 40 (canceled)

Claim 41 (previously presented): A plant in accordance with claim 33, wherein the diameter of the pressing stamp is larger than the diameter of the second part length of the stopper.

Claim 42 (previously presented): A plant in accordance with claim 33, wherein the pressing stamp is actuated in lagging manner with respect to the upper part of the mold and a central compression spring, and wherein a plurality of compression springs are arranged in a ring shape or at least one pneumatic cylinder is fitted between the pressing stamp and the upper part.

Claim 43 (previously presented): A plant in accordance with claim 33, wherein the plunger has an ejection function which can be moved into a retraction position enlarging the mold depth during the feed process.

Claim 44 (previously presented): A plant in accordance with claim 33, wherein the mold upper part is positioned with a lateral offset, and the otherwise closed mold is fed by a feeder system designed for droplet operation with glass gobs which fall through the middle part of the mold without contact and whose diameter to length ratio is disposed in the range from approximately 1 : 3.5 and whose length is larger than the depth of the hollow space of the mold.

Claim 45 (previously presented): A plant in accordance with claim 33, wherein the station designed for the feeding of the mold with glass gobs is simultaneously made as a station for the carrying out of the pressing process.

Claim 46 (previously presented): A plant in accordance with claim 33, wherein a fall and guide channel is provided in the feed station for the supply of glass gobs in a centered manner with respect to the mold from a pre-settable drop height.

Claims 47-64 (canceled)

Claim 65 (currently amended): A plant for the manufacture of glass stoppers provided with a head part for the closing of bottles,

comprising a multi-part mold which determines, in the closed state, the negative contour of the stopper to be manufactured, a feeder system for supplying the mold with molten glass, a multistation press and an arrangement for the removal and for the further handling of the glass stoppers produced,

the mold comprising

a base part made in one part and having a cut-out corresponding to a first part length of a stopper; stopper, wherein the cut-out of the base part is bounded at the base side by a plunger having an ejection function and whose end face is smaller than the base surface of the cut-out;

a middle part of two part elements of a mold which are in particular displaceable relative to one another and perpendicular to the longitudinal axis of the mold, which can be coupled in a self-centering manner and which determine a hollow space corresponding to a second part length of a stopper and to at least a main region of the head part in the coupled state and in the state contacting the base part;

and an upper part having a central pressing stamp axially displaceable relative to the upper part part and part, said upper part and said central pressing stamp closing the hollow space of the head part for the forming of a tolerance compensating recess in the head part of the stopper,

wherein the hollow space determined by the part elements of the mold forming the middle part extends axially beyond the planar surface of the head part and bounds the head part at its outer periphery, periphery and at a radially outwardly disposed marginal region of the planar surface,

wherein the upper part with a centrally guided pressing stamp closing the hollow space of the head part has a ring nose which engages in a shape-matched manner into the hollow space determined by the part elements of the mold, with the outer diameter of the ring nose being smaller than the outer diameter of the head part,

wherein the upper part of the mold forms a planar surface surrounding said tolerance compensating recess on the head part, and a part region of a stopper rounding of the stopper that merges into a cylindrical outer contour of the head part.

Claim 66 (new): A plant in accordance with claim 33, wherein the first part length of the stopper comprises a conical surface laterally bounded by the cut-out of the base part, the conical surface beginning with a large diameter near a discontinuity where the cut-out of the base part transitions to the hollow space of the middle part, the conical surface ending with a small diameter near the base surface.